

Lexicographical estimates of likelihood with universal boundaries. II

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Abstract

Properties of negation operations, not being involutions in the general case, are studied. Arbitrary linear-ordered set of likelihood values is considered as a set of likelihood values. Properties of negation operations over various sets of lexicographical likelihood estimates, being the extensions of the assumed negation operation, are studied. Over sets of the Λ -estimates and V -estimates of likelihood, it is possible to introduce only minimum extensions of negation operation from the assumed likelihood scale. Over a set of (V, Λ) -estimates of likelihood the introduction of several different negation operations is possible.
